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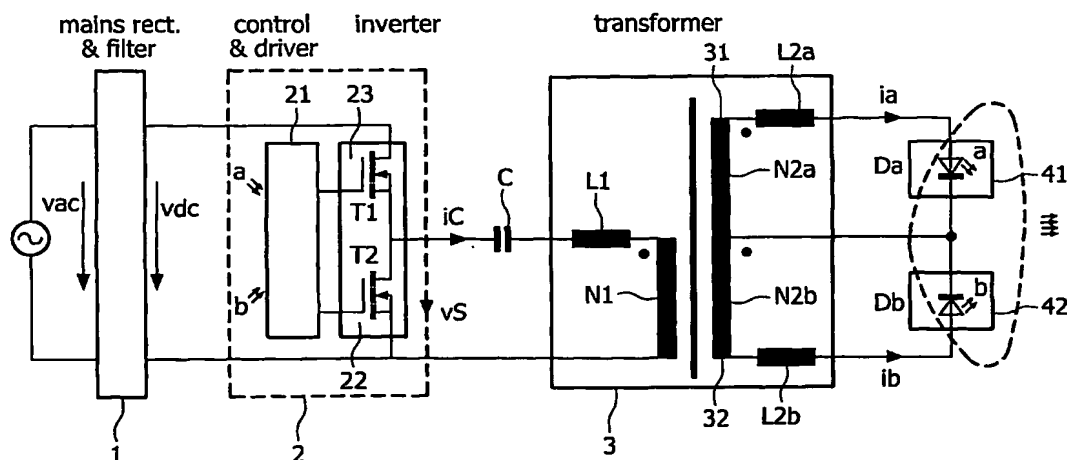
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(54) Title: **RESONANT POWER LED CONTROL CIRCUIT WITH BRIGHTNESS AND COLOUR CONTROL**



(57) Abstract: The invention relates to a resonant power LED control circuit for the independent, simultaneous brightness and color or color temperature control of two LEDs (41, 42) or two groups of LEDs, comprising a single resonant converter which is essentially formed from a half or full bridge DC/AC converter (2) with a control unit (21), a resonant capacitor, and a transformer (3).



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